

Converting Colors

CIELCh(25, 48.369, 3.886)

Have a look what the booklet for
CIELCh(25, 48.369, 3.886) contains.

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Color

CIELCh(25, 48.329, 3.972)

Conversions

Conversions Part 1

Format	Color
Hex	790238
RGB	121, 2, 56
RGB Percent	47%, 1%, 22%
CMY	0.5248, 0.9909, 0.7798
CMYK	0.00, 0.98, 0.54, 0.52
HSL	333°, 96%, 24%
HSV	333°, 98%, 48%
XYZ	8.6539, 4.4155, 4.1565
YIQ	43.7370, 53.5900, 42.0220

Conversions

Conversions Part 2

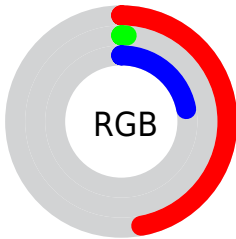
Format	Color
RYB	121, 2, 56
Decimal	7930424
CIELab	25.00, 48.21, 3.35
CIELCh	25, 48.329, 3.972
Yxy	4.4155, 0.5024, 0.2563
Android (android.graphics.Color)	4286120504 (0xFF790238)
YUV	43.7370, 6.0457, 67.7597
Hunter-Lab	21.0130, 36.7396, 2.9812

Details

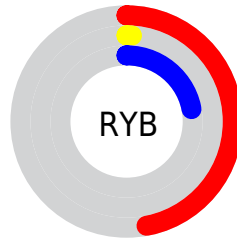
The CIELCh color **25, 48.329, 3.972** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **44, 47.387, 152.918**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **45, 48.408, 3.584**, and **10, 32.982, 20.417** is the 20% darker color. If you saturate the color by 10%, you get **25, 48.724, 4.643**, and if you desaturate by 10%, it is **26, 46.389, 0.388**.

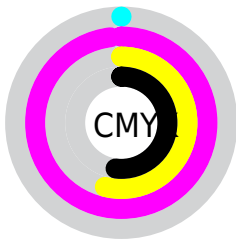
Distribution



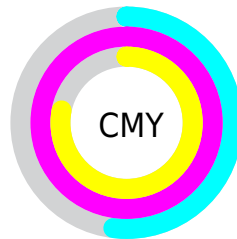
- Red (47%)
- Green (1%)
- Blue (22%)



- Red (47%)
- Yellow (1%)
- Blue (22%)



- Cyan (0%)
- Magenta (98%)
- Yellow (54%)
- Black (52%)




- Cyan (52%)
- Magenta (99%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 25, 48.329, 3.972 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 25, 48.329, 3.972 by changing the saturation by 10% instead.

 25, 48.329, 3.972  25, 48.329, 3.972

 100, 48.329, 3.972  15, 48.329, 3.972

 45, 48.329, 3.972  5, 48.329, 3.972

 55, 48.329, 3.972  0, 48.329, 3.972

 65, 48.329, 3.972

 75, 48.329, 3.972

 85, 48.329, 3.972

 95, 48.329, 3.972

 25, 48.329, 3.972  25, 48.329, 3.972

 25, 48.724, 4.643  26, 46.389, 0.388

■ 28, 43.568,
357.349

■ 29, 39.589,
354.927

■ 32, 34.668,
352.973

■ 35, 29.088,
351.366

■ 38, 23.122,
350.013

■ 41, 16.988,
348.847

■ 44, 10.842,
347.819

■ 48, 4.789, 346.879

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



25, 48.329, 3.972



44, 47.387, 152.918

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25, 48.329, 3.972



25, 48.329, 53.972



25, 48.329, 183.972



25, 48.329, 233.972

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



25, 48.327, 3.973



53, 21.825, 349.026



18, 70.334, 313.117



25, 14.918, 349.419



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25, 48.327, 3.973



33, 59.066, 5.909



24, 57.279, 38.258



24, 3.366, 346.971



26, 49.800, 4.803



54, 83.795, 7.556

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



25, 48.327, 3.973



33, 59.066, 5.909



44, 27.532, 201.511



24, 3.366, 346.971



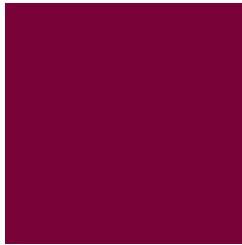
26, 49.800, 4.803



54, 83.795, 7.556

Previews

White Background



This preview shows how the CIE LCh color 25, 48.329, 3.972 looks on a white background.

Color Contrast Check

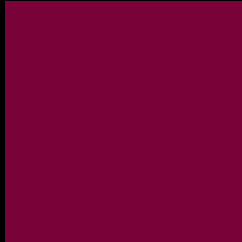
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 25, 48.329, 3.972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

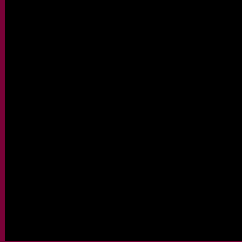
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 25, 48.329, 3.972

Background



This preview shows how black text looks on a background with the CIELCh color 25, 48.329, 3.972.



This preview shows how white text looks on a background with the CIELCh color 25, 48.329, 3.972.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

25, 48.329, 3.972

Protanopia

27, 12.467, 285.384

Deuteranopia

26, 8.688, 62.187



Tritanopia
26, 49.321, 33.228

Trichromacy



Original Color
25, 48.329, 3.972

Protanomaly
23, 26.792, 334.350

Deuteranomaly
23, 25.606, 5.588

Tritanomaly
25, 47.596, 23.054

Monochromacy



Original Color
25, 48.329, 3.972

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 23.165, 353.306

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 48.329, 3.972 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(121, 2, 56)` looks like.

```
.text, #text, p{  
    color:rgb(121, 2, 56)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(121, 2, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 2, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 48.329, 3.972 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(121, 2, 56) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(121, 2, 56) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(121, 2, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 2, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 2, 56);  
box-shadow:4px 4px 4px 4px rgb(121, 2, 56)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 48.329, 3.972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 2, 56) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(121, 2,  
56) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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